



# Gas Transmitter Series MGS-150+NH3



Fixed Gas Monitor

Ideal for Commercial and Industrial Refrigeration, Food Storage and Food Processing Facilities, Supermarkets, Parking Garages, Wastewater Treatment Facilities, Hospitals and Universities.

## Features & Benefits:

- Infrared, semiconductor and electrochemical sensor options to meet almost any gas detection need - at the most affordable cost.
- User-selectable analog outputs: 4-20 mA, 0-5V, 0-10V, 1-5V, 2-10V featuring 12/24 VAC/VDC operation
- Fast-response sensors detect leaks quickly, which protect personnel and minimize refrigerant gas usage and environmental impact.
- Long-life semiconductor sensors for detection of all refrigerants, ammonia, halocarbons, combustible gases & VOCs
- Robust design and remote sensor options allow units to be placed directly in areas where detection is needed.
- Available in a variety of housings, including IP66 and duct mount, for placement in the toughest of environments.



MGS  
Standard  
Housing



Ammonia (NH<sub>3</sub>)      0 -100 ppm 0 - 500 ppm 0 - 5.000 ppm

## MGS-150 Technical Specifications

Power Supply:	12/24 VAC/VDC operation	Analog Outputs	4-20 mA, 0-5 V, 0-10 V, 1-5 V, 2-10 V
Power Consumption (12V):	NDIR: 140 mA• SC: 160 mA• EC: 60 mA	Relay Output (Volt-free):	1 relay, 1 amp 24 VAC/VDC
Power Monitoring:	Green LED	Alarm Delay	Selectable: 0, 1, 5 or 10 minutes
Visual Alarm:	Red LED	IP Rating:	IP41 (standard) IP66 (optional)
Audible Alarm:	Buzzer, enabled/disabled	Dimensions & Weight - enclosures types:	Standard 3.35"x5.59"x2.09" • 6.3oz. IP41: 86 x 142 x 53mm • 180g
Fault Monitoring:	Red LED (On) • Green LED (Off)	IP66:	6.89"x6.5"x3.29" • 11lb.6oz. 175 x 165 x 82mm • 629g
Fault States:	0-1 V / 0-2 mA outputs		

